120644-1

IN THE SPECIFICATION:

Please amend the specification as follows:

[0019] High-density re-recordable optical media formats are being developed to replace existing VHS tape recorders for consumer entertainment consumption. The goal is to produce a removable media format approaching or even exceeding 20 gigabiytes (GBb) in storage and having data transfer rates of about 35 megabytes per second (MBps) and approaching or even exceeding 100 ~~megabites per second~~ (MBbps). Thinner readthrough mediums are required for these types of media with as thin as 80 micrometers currently are being developed. Most of the formats are asymmetric in structure with the above mentioned thin readthrough medium being supported by a thicker substrate. Curvature in the readthrough medium is induced by changes in the surrounding environment. Humidity and temperature changes will induce curvature into the total asymmetric structure and hence the readthrough medium. The curvature induces spherical aberrations that lead to poor performance of the optical drive. Disclosed below are ranges of material parameters and material parameter ratios for the substrate and film that lead to unproved dimensional stability of the total structure. This technology minimizes curvature variation in the readthrough medium induced by environmental humidity changes.

[0074] The storage media disclosed herein reduces radial tilt by mismatching the compositions of the optical film and substrate, and by optionally employing mis-matched thicknesses of the substrate and optical film. The mis-matched compositions contribute in enabling higher areal density storage (about 20 GBbor greater) when compared to a disc without a mis-matched composition of the optical film and the substrate.